



113 01

BEAM POWER AMPLIFIER

	Filament Coated			
		d-c	volts	
	Current 0.05	-	amp.	
	Direct Interelectrode Capacitances (Approx.):0			Į,
	Grid to Plate 0.5		μμf	
	Input 4.8		μμf	
	Output 8.0		μμf	
	Maximum Overall Length	2	5/16"	
	Maximum Seated Height		-3/4"	
	Maximum Diameter		5/16"	
١	Bulb	1-	T-9	
	1	4 - 1		
	1		/-PIN	
	Pin 1 - No Connection @ 3 Pin 5 - Grid #			
	Pin 2 - Filament + Pin 7 - Filame			
	Pin 3-Plate Pin 8-No Con	nect	ion	
	Pin 4 - Grid #2			
	Mounting Position		Any	
	DOTTON MEY			
	BOTTOM VIEW (G-6X)			
	Maximum Ratings Are Design-Center Values			
	AMPLIFIER			
	Plate Voltage 110 max		volts	4
	Screen Voltage (Grid No.2) 110 max		volts	4
	Total Zero-Sig. Cathode Current 7.3 max		ma.	
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	Typical Operation and Characteristics – Class A., Amp	lifi	er:	4
	Typical Operation and Characteristics - Class A ₁ Amp Fixed Bias Cathode Bias	lifi	er:	4
	Fixed Bias Cathode Bias	lifi		4
	Plate Voltage 90 84	lifi	volts	4
	Plate Voltage 90 84 Screen Voltage 90 84	lifi	volts volts	4
	Fixed Bias Cathode Bias Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6	lifi	volts volts volts	4
	Fixed Bias Cathode Bias Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6	lifi	volts volts volts volts	4
	Fixed Bias Cathode Bias Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4	lifi	volts volts volts volts ma.	4
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5		volts volts volts volts ma. ma.	4
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 appli	rox.	volts volts volts volts ma. ma.	
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 appl MaxSig. Screen Current 1.5 appl	rox.	volts volts volts ma. ma. ma.	
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 appl MaxSig. Screen Current 1.5 1.5 appl Plate Resistance 250000 250000 appl	rox.	volts volts volts ma. ma. ma. ohms	4
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 apprint MaxSig. Screen Current 1.5 1.5 apprint Plate Resistance 250000 250000 apprint Transconductance 1150 1050	rox.	volts volts volts ma. ma. ma.	4
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 apprint MaxSig. Screen Current 1.5 1.5 apprint Plate Resistance 250000 250000 apprint Transconductance 1150 1050 Load Resistance 14000 14000	rox.	volts volts volts ma. ma. ma. ohms	4
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 apprint MaxSig. Screen Current 1.5 1.5 apprint Plate Resistance 250000 250000 apprint Transconductance 1150 1050	rox.	volts volts volts ma. ma. ma. ohms	7
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 6.5 5.5 Zero-Sig. Screen Current 0.8 0.6 apprint MaxSig. Screen Current 1.5 1.5 apprint Plate Resistance 250000 250000 apprint Transconductance 1150 1050 Load Resistance 14000 14000	rox.	volts volts volts ma. ma. ma. ma. ma. ohms µmhos ohms	
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 0.8 0.6 appl MaxSig. Screen Current 1.5 1.5 appl Plate Resistance 250000 250000 appl Transconductance 1150 1050 Load Resistance 14000 14000 Total Harmonic Dist. 7.5 7.5 Power Output 170 145	rox.	volts volts volts ma. ma. ma. ohms pmhos ohms	
	Plate Voltage 90 84 Screen Voltage 90 84 Grid Voltage -6 -6 Peak A-F Grid Voltage 6 6 Zero-Sig. Plate Current 6.5 5.4 MaxSig. Plate Current 0.8 0.6 apprint MaxSig. Screen Current 1.5 1.5 apprint Plate Resistance 250000 250000 apprint Transconductance 1150 1050 Load Resistance 14000 14000 Total Harmonic Dist. 7.5 7.5	rox.	volts volts volts ma. ma. ma. ohms pmhos ohms	
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Indicates a change.